

## ABSTRACT

A method (and corresponding equipment) for determining either  
a downlink delay in communicating packets via a packet-  
conveying network from a sender (11) to a receiver (12) or the  
5 corresponding uplink delay, or both, but separately from each  
other, the method including: steps (21 22 23 24) in which the  
sender (11) and receiver (12), exchange a first and second pair  
of packets (14a-b 15a-b) consisting of respective first and  
second uplink packets (14a 15a) and a first and second  
10 downlink packets (14b 15b), and also determines round trip  
times ( $t_A$   $t_B$ ) for the two exchanges; with the exchanges made  
using packet sizes such that at least either the first and  
second uplink packets (14a 15a) or the first and second  
downlink packets (14b 15b) differ in size from each other.